Attorney Docket No. P13979-US1
Customer Number 27045

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1-21. (Canceled)

22. (New) An electronic reading device system, comprising:

an electronic reading device for use with a formatted surface having an address pattern thereon; and

a separate electronic device for displaying detected movements of the electronic reading device relative to the formatted surface;

wherein the electronic reading device includes:

a sensor for detecting a portion of the address pattern when the electronic reading device is placed on or in close proximity to the formatted surface; and

means for determining the position of the electronic reading device relative to the formatted surface based on the detected portion of the address pattern, wherein the position determining means repeatedly determines the position of the electronic reading device relative to the formatted surface as the electronic reading device is moved over the surface by a user; and

means for communicating a series of determined positions to the separate electronic device; and

wherein the separate electronic device includes:

a receiver that receives the series of determined positions from the electronic reading device;

means for determining a track of the electronic reading device over the formatted surface based on the series of determined positions; and

a display screen for displaying the determined track of the electronic reading device.

23. (New) The electronic reading device system of claim 22, wherein the separate electronic device also includes a recognition mechanism for converting the determined track into text.

24. (New) The electronic reading device system of claim 23, wherein the separate electronic device also includes means for communicating with an application server, wherein the separate electronic device retrieves information relating to a specific application from the server based on the text converted by the recognition mechanism.

25. (New) The electronic reading device system of claim 23, wherein the recognition mechanism recognizes the determined track as handwritten characters, and converts the handwritten characters to computer-readable text.

26. (New) The electronic reading device system of claim 22, wherein the address pattern on the formatted surface includes a pattern of dots arranged in a pattern in which any given dot, combined with the given dot's neighboring dots, forms a pattern that is unique for the given dot, and the sensor includes a camera that captures an image of the given dot and the neighboring dots and provides the image to the position determining means.

27. (New) The electronic reading device system of claim 26, wherein the camera captures and provides the position determining means with approximately 100 images per second, and the position determining means determines the position of the electronic reading device relative to the formatted surface to within approximately 0.1 millimeter.

28. (New) The electronic reading device system of claim 22, wherein the means for communicating the series of determined positions to the separate electronic device is selected from the group consisting of a wireless local link and a cable connection.

29. (New) The electronic reading device system of claim 22, wherein the separate electronic device is selected from the group consisting of a mobile phone, a personal digital assistant, and a personal computer.

30. (New) A method of electronically determining movement of an electronic reading device over a surface and reporting the movement to a separate electronic device, said method comprising:

formatting the surface with an address pattern;

detecting a portion of the address pattern with a sensor in the electronic reading device whenever the electronic reading device is placed on or in close proximity to the formatted surface;

determining the position of the electronic reading device relative to the formatted surface based on the detected portion of the address pattern, wherein the position of the electronic reading device is repeatedly determined as the electronic reading device is moved over the surface by a user;

communicating a series of determined positions to the separate electronic device;

determining in the separate electronic device, a track of the electronic reading device over the formatted surface based on the series of determined positions; and

displaying the determined track of the electronic reading device on a display screen.

31. (New) A method of electronically determining movement of an electronic reading device over a surface and converting the movement to computer-readable text, said method comprising:

formatting the surface with an address pattern;

detecting a portion of the address pattern with a sensor in the electronic reading device whenever the electronic reading device is placed on or in close proximity to the formatted surface;

determining the position of the electronic reading device relative to the formatted surface based on the detected portion of the address pattern, wherein the position of

the electronic reading device is repeatedly determined as the electronic reading device is moved over the surface by a user;

communicating a series of determined positions to the separate electronic device;

determining in the separate electronic device, a track of the electronic reading device over the formatted surface based on the series of determined positions;

recognizing the determined track as handwritten characters; and

converting the handwritten characters to computer-readable text.

32. (New) The method of claim 31, further comprising utilizing the computer-readable text by the separate electronic device to retrieve application information from an application server.

33. (New) The method of claim 31, wherein the step of formatting the surface with an address pattern includes formatting the surface with a pattern of dots arranged in a pattern in which any given dot, combined with the given dot's neighboring dots, forms a pattern that is unique for the given dot, and the step of determining the position of the electronic reading device includes:

capturing an image of the given dot and the given dot's neighboring dots; and

determining the position of the electronic reading device relative to the formatted surface based on the image.

34. (New) The method of claim 33, wherein the step of capturing an image is performed approximately 100 times per second.

35. (New) The method of claim 31, wherein the step of communicating a series of determined positions to the separate electronic device includes communicating the positions utilizing a cable connection.

36. (New) The method of claim 31, wherein the step of communicating a series of determined positions to the separate electronic device includes communicating the positions utilizing a wireless local link.